

IN THE DRAWINGS

Fig. 4 is amended to correct an error and to conform to the specification. A Replacement Sheet including amended Fig. 4 is included as an attachment, as is an Annotated Sheet showing in detail the change made.

REMARKS

The specification is amended to correct typographical errors.

Fig. 4 is amended to conform to the specification.

Claim Rejections Under 35 USC §112

The rejection of claim 3 under 35 USC 112, second paragraph is overcome in view of the amendments to claim 1.

Claim Rejections Under 35 USC §102

Claims 1, 2, 5, 7, 9-11, 13, 15-16 and 18-24 are rejected under 35 USC §102(e) as being anticipated by Cyrusian, et al., U.S. Patent No. 6,697,205. Applicant traverses this rejection.

A bandgap reference cell typically includes a feedback loop arranged to drive the bases of a pair of ΔV_{BE} transistors. See, e.g., amplifiers A in Figs. 1 and 2, and loop “B” in Fig. 3 of the present application. Claim 1 is amended to add the novel feature of a replica component arranged within this feedback loop. Cyrusian does not disclose such an arrangement. Cyrusian discloses, in Fig. 3, a replica transistor 308 arranged in a feedback loop including amplifier 306, but this is not a feedback loop that drives a pair of ΔV_{BE} transistors as recited in claim 1. Such a loop, if any, would be buried in reference generator 320 and would not include transistor 308. For at least this reason, claim 1 is not anticipated by Cyrusian, nor are claims 3, 4, 5, 7 and 8, which depend from claim 1.

Claims 9, 15 and 20 have also been amended to recite features relating to a component arranged in a feedback with a pair of ΔV_{BE} transistors. For at least this reason, claims 9, 15 and 20 are not anticipated by Cyrusian, nor are the claims that depend therefrom.

Claim Rejections Under 35 USC §103

Claims 6, 8 and 14 are rejected under 35 USC §103(a) as being unpatentable over Cyrusian, et al. in view of Applicant’s Prior Arts and Davis, U.S. Patent No. 4,349,778. Applicant traverses this rejection. In view of the amendments to claims 1, 9, 15 and 20, there is no underlying basis for this rejection, and a *prima facie* case of obviousness has not been established.

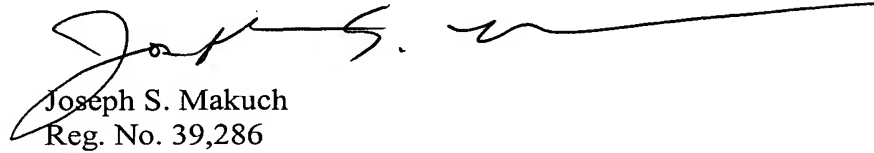
Conclusion

Applicant requests reconsideration in view of the foregoing amendments and remarks. The Examiner is encouraged to telephone the undersigned at (503) 222-3613 if it appears that an interview would be helpful in advancing the case.

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Respectfully submitted,

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Annotated Sheet Showing Changes

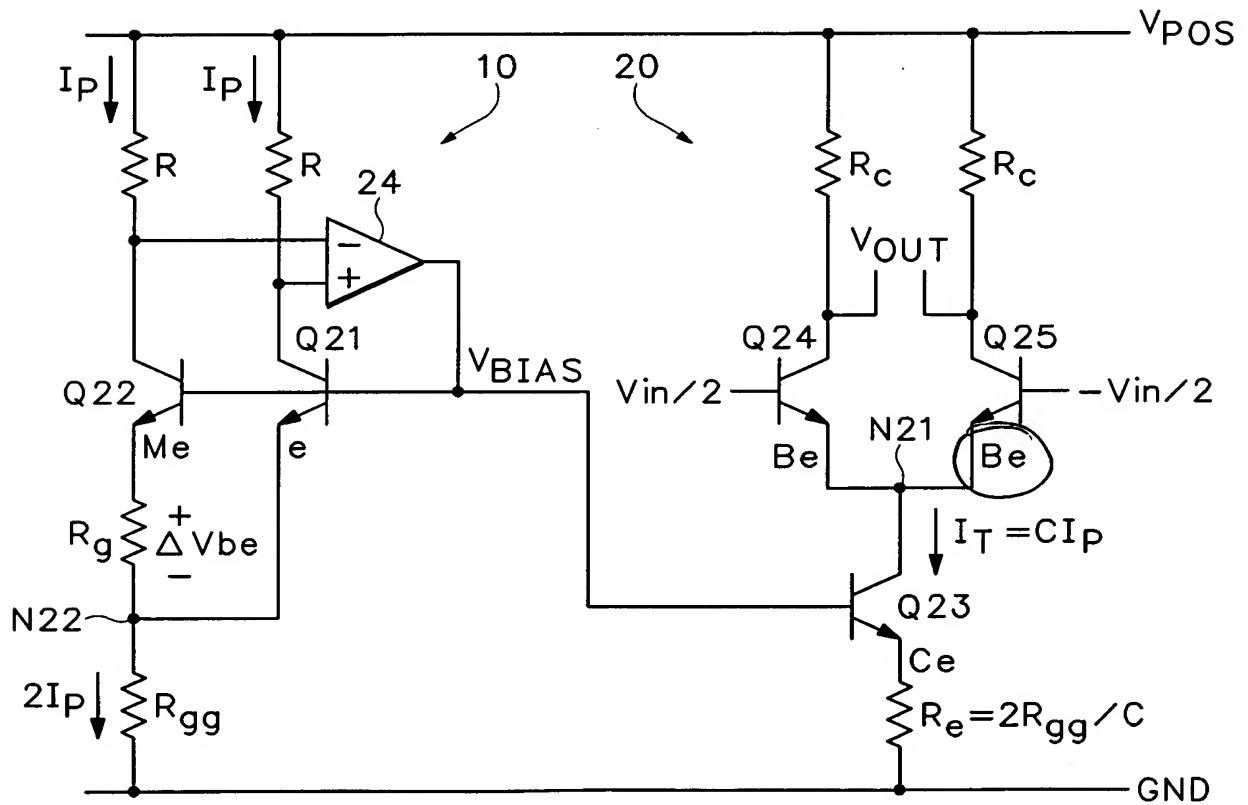
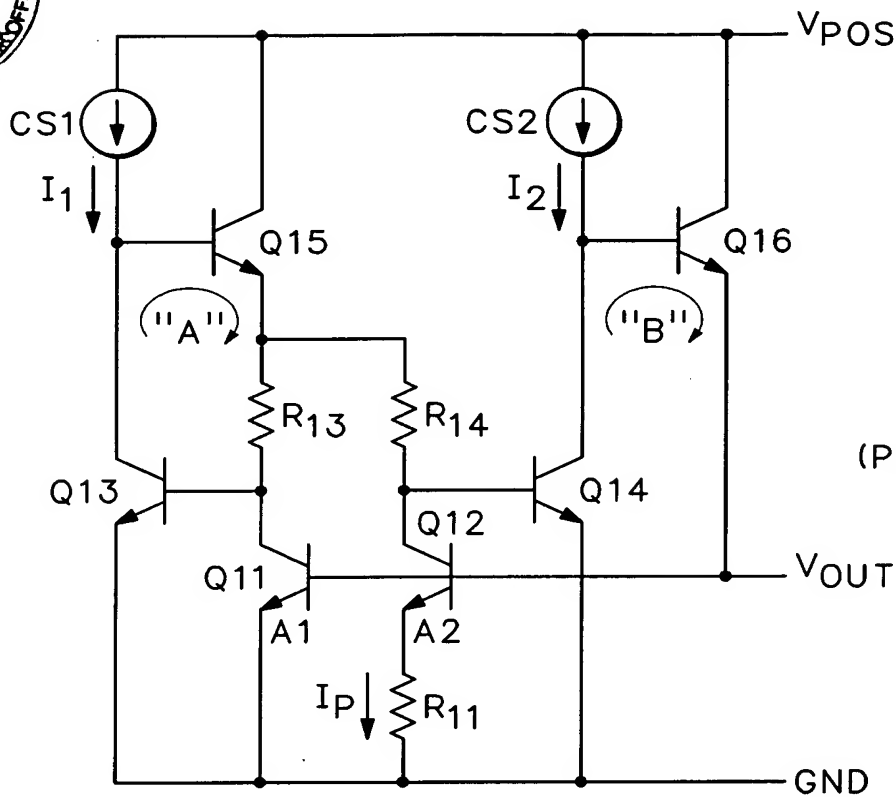


FIG. 4